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PTO/SB/05 (2/98)

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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UTILITY PATENT APPLICATION TRANSMITTAL <small>Only for new nonprovisional applications under 37 CFR 1.53(h)</small>		Attorney Docket No. 38-21(15503)B	
		First Named Inventor or Application Identifier ANDERSEN	
		Title Nucleic Acid Molecules and Other Molecules Associated with Plants	Express Mail Label No.
APPLICATION ELEMENTS <small>MPEP chapter 600 concerning utility patent application contents</small>		Assistant Commissioner for Patent	
		ADDRESS TO: Box Patent Application Washington, DC 20231	
1. <input checked="" type="checkbox"/> *Fee Transmittal Form (Form PTO-1082) <small>(Submit an original and a duplicate for fee processing)</small>		6. <input type="checkbox"/> Microfiche Computer Program <i>(Appendix)</i>	
2. <input checked="" type="checkbox"/> Specification [Total Pages 94] <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none">- Descriptive title of the Invention- Cross References to Related Applications- Statement Regarding Fed sponsored R&D- Reference to Microfiche Appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claims- Abstract of the Disclosure		7. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ul style="list-style-type: none">a. <input checked="" type="checkbox"/> Computer Readable Copyb. <input checked="" type="checkbox"/> Paper Copy (identical to computer copy)c. <input checked="" type="checkbox"/> Statement verifying identity of above copies	
3. <input type="checkbox"/> Drawing(s) <i>(35 USC 113)</i> [Total Sheets]		ACCOMPANYING APPLICATION PARTS	
4. Oath or Declaration [Total Pages 6] <ul style="list-style-type: none">a. <input checked="" type="checkbox"/> Newly executed (original or copy)b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 17 completed) [Note Box 5 below]</small>i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small>			
5. <input type="checkbox"/> Incorporation By Reference <i>(useable if Box 4b is checked)</i> <small>The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</small>			
17. If a CONTINUING APPLICATION , check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: / Prior Application Information: Examiner: Group/Art Unit:			
18. CORRESPONDENCE ADDRESS			
<input type="checkbox"/> Customer Number or Bar Code Label or <input checked="" type="checkbox"/> Correspondence address below <small>(Insert Customer No. or Attach bar code label here)</small>			
NAME		Lawrence M. Lavin, Jr., Esq.	
ADDRESS		Monsanto/GD Searle	
CITY		STATE	Illinois
COUNTRY		TELEPHONE	(314) 694-3602
		ZIP CODE	60680-5110
		FAX	(314) 694-1671
Name (Print/Type)		Registration No. (Attorney/Agent)	30,768
Signature		Date	April 18, 2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Did R. Math Reg. No 41,408

April 18, 2000

Assistant Commissioner for Patents
Washington, D.C. 20231

Box Patent Application

Re: U.S. Non-Provisional Utility Patent Application
Application No.: To Be Assigned
Filed: Herewith
For: **Nucleic Acid Molecules and Other Molecules
Associated with Plants**
Inventors: Scott E. ANDERSEN *et al.*
Atty. Docket: 38-21(15503)B

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.
Patent and Trademark Office:

1. Utility Patent Application Transmittal (PTO/SB/05);
2. Form PTO-1082 (in duplicate);
3. U.S. Utility Patent Application entitled:

Nucleic Acid Molecules and Other Molecules Associated with Plants

and naming as inventors:

Scott E. ANDERSEN and Dane K. FISHER,

the application consisting of:

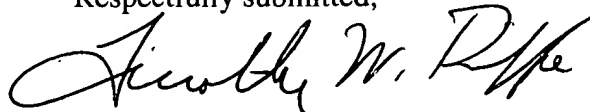
- a. A specification containing:
 - (i) 92 pages of a description prior to the claims;
 - (ii) 1 page of claims (7 claims);
 - (iii) a one (1) page abstract; and
 - (iv) 8,914 pages of a sequence listing;

4. Statement Regarding Sequence Submission;
5. A CD-ROM containing the sequence listing;
6. Original Declaration and Power of Attorney, executed by inventor Scott E. ANDERSEN (3 pages);
7. Original Declaration and Power of Attorney, executed by inventor Dane K. FISHER (3 pages);
8. An Information Disclosure Statement;
9. Form PTO-1449 (1 page), with 8 accompanying documents;
10. Check No. 326706 in the amount of \$690.00 to cover the basic filing fee; and
11. Two (2) return postcards.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

In accordance with 37 C.F.R. § 1.821(f), the paper copy of the sequence listing and the computer readable copy of the sequence listing submitted herewith in the above application are the same.

Respectfully submitted,



David R. Marsh (Reg. No. 41,408)

Timothy W. Riffe (Reg. No. 43,881)

Enclosures

MONSANTO/GD SEARLE
Patent Department Central
P.O. Box 5110
Chicago, Illinois 60680-5110
(314) 694-3602

Attorney Docket No. 38-21(15503)B

ASSISTANT COMMISSIONER FOR PATENTS
 Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventors: Scott E. ANDERSEN *et al.*

For: Nucleic Acid Molecules and Other Molecules Associated with Plants

Enclosed are:

- ☐ _____ sheets of informal drawings.
- ☐ An assignment of the invention to _____
- ☐ Form PTO-1595.
- ☐ A certified copy of a _____ application.
- ☐ A verified statement to establish small entity status under 37 C.F.R. § 1.9 and 37 C.F.R. § 1.27.
- ☒ Executed Combined Declaration and Power of Attorney for Patent Application (6 total pages).

The filing fee has been calculated as shown below:

(Col. 1)		(Col. 2)	SMALL ENTITY		OR	OTHER THAN A SMALL ENTITY	
FOR	NO. FILED	NO. EXTRA	RATE	FEE		RATE	FEE
BASIC FEE				345.00	OR		690.00
TOTAL CLAIMS	7 - 20 =	*	x 9 =		OR	x 18 =	0.00
INDEP. CLAIMS	3 - 3 =	*	x 39 =		OR	x 78 =	0.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			+ 130 =		OR	+ 260 =	
			TOTAL	\$	OR	TOTAL	\$ 690.00

*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

- ☐ Please charge my Deposit Account No. 13-4125 in the amount of \$690.00. A duplicate copy of this sheet is attached.
- ☒ Check No. 326706 in the amount of \$ 690.00 to cover the filing fee is enclosed.
- ☒ The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 13-4125 referencing docket number 38-21(15503)B.
 A duplicate copy of this sheet is attached.
- ☒ Any additional filing fees required under 37 C.F.R. § 1.16.
- ☒ Any patent application processing fees under 37 C.F.R. § 1.17.
- ☐ The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 13-4125 referencing docket number _____.
 A duplicate copy of this sheet is attached.
- ☐ Any patent application processing fees under 37 C.F.R. § 1.17.
- ☐ The issue fee set in 37 C.F.R. § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b).
- ☐ Any filing fees under 37 C.F.R. § 1.16 for presentation of extra claims.

Date: April 18, 2000

Lawrence M. Lavin, Jr.
 Lawrence M. Lavin, Jr. (Reg. No. 30,768)

By *Ed R. Marshall* *Reg. No.*
41,408

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

1c525 U.S. PTO
09/553094
04/18/00

In re application of:

Scott E. ANDERSEN *et al.*

Art Unit: To Be Assigned

Appln. No.: To Be Assigned

Examiner: To Be Assigned

Filed: April 18, 2000

Atty. Docket: 38-21(15503)B

For: Nucleic Acid Molecules and Other
Molecules Associated with Plants

Statement Regarding Sequence Submission

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

In accordance with 37 C.F.R. § 1.821(f), the paper copy of the Sequence Listing and the computer readable copy of the Sequence Listing submitted herewith in the above-mentioned application are the same.

Respectfully submitted,

Lawrence M. Lavin

Lawrence M. Lavin, Jr. (Reg. No. 30,768)

Date: April 18, 2000

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Monsanto/GD Searle
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Chicago, IL 60680-5110
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by
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